

Indiana Department of Environmental Management

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(Text does not include verbatim comments)

Jim Mahern:

Welcome to the 2000 Governor's Awards for Excellence in Pollution Prevention. I'm Jim Mahern, the assistant commissioner of the Office of Pollution Prevention and Technical Assistance, and I'm pleased to be here to recognize Indiana's leaders in pollution prevention.

Before we go any further, I would like to thank our review committee members for their work leading up to today's ceremony. The members include Jim Noonan from the Indiana Clean Manufacturing Technology and Safe Materials Institute, Ed Squiers from Taylor University, Don Lawson from United Technology Carrier Corporation, Dan Murray from Utilimaster, Mark Reshkin from the Northwest Indiana Forum, Sam George from Madison Chemical, Blake Jeffrey from the Indiana Cast Metals Association, Patrick Bennett from the Indiana Manufacturers' Association and John Chavez from my office in the Indiana Department of Environmental Management. Thanks for making this program a success!

With us today to present the awards are Lieutenant Governor Joe Kernan and my boss, IDEM Commissioner Lori Kaplan.

Governor Frank O'Bannon appointed Lori IDEM commissioner in April 1999. Before joining the agency, she was the deputy director of the Bureau of Water and Resource Regulation with the Department of Natural Resources, so protecting the environment has been part of her work for a long time. Now, it is my pleasure to present Lori to you for a few comments. Lori . . .

Lori Kaplan:

It is a pleasure to be with you once again. This is my second appearance before winners of the Governor's Award for Excellence in Pollution Prevention and it is one of the "fun" parts of my job. I would like to personally thank all the people and companies – the Partners for Pollution Prevention – that worked together to make this conference possible. They are: United Technologies, Carrier Division; Eli Lilly and Company; the Indiana Clean Manufacturing Technology and Safe Materials Institute; Best Access Systems; Flowers Communication; Reilly Industries Inc.; the Naval Surface Warfare Center, Crane Division; Madison Chemical Company Inc.; Visteon Corporation; the Environmental Management Institute; and IDEM's own Office of Pollution Prevention and Technical Assistance. Without these dedicated "Partners" we would not have this wonderful ceremony and so much to celebrate. Thank you all!

We are here today not only to recognize these outstanding pollution prevention projects, but also to challenge each other to become better stewards of our natural resources.

To the companies that say we cannot prosper economically and environmentally, we here today challenge you to think again, to think differently, because the work we have before us is far too important.

To those who say we can't or we won't try to find a better, more efficient and greener way to do business, I say to you, take a look at the companies we honor today as well as the 52 successes that Indiana's governors have been honored since 1994 with this award.

They've done it, and so can you.

And to those who have already achieved pollution prevention successes, I say thank you. But I also challenge you to reach further – reach out to your colleagues in your industry and other industries – and say, "We've did it. So can you. Here's how."

Today we acknowledge those of you who have moved pollution prevention from an opportunity to a reality and from an ideal to a practice. Your work inspires us to keep coming back and raise the bar even higher.

At this time, it is my pleasure to introduce Lt. Governor Joe Kernan, who was kind enough to find time in his schedule to join us today. Lt. Governor . . .

Joe Kernan:

Thank you Lori. On behalf of Governor Frank O'Bannon and the citizens of our state, I am happy to be with you here today to celebrate the companies and individuals that are working to prevent pollution in our state.

As many of you know, part of my job in this administration is to head up the Department of Commerce. I encourage economic development and business growth in our state. We are fortunate in Indiana because we have one of the largest concentrations of manufacturing in the United States. Our many industries create jobs, build our economy and strengthen our communities and families. However, with this asset comes a great responsibility . . . a responsibility to protect and preserve our natural resources. We cannot rely upon these resources as the cost of doing business. It must be our business to find more efficient processes that reduce our reliance on virgin materials and reduce emissions of hazardous substance.

I thank you and congratulate you for accepting the responsibility to be stewards of our air, water, and land. You are making Indiana a better place for all of us to live, work and prosper.

Now, I think Lori and I are going to get to that "fun" part of the job where we work as a team – partners – to recognize our award winners. Lori, are you ready?

Lori:

Thank you.

Before we begin the award presentation, I would like to recognize General Electric Plastics from Mount Vernon in far southwest Indiana for its generous donation of the plaques for this year's winners. The plaques are made from LEXAN® which is the result of General Electric Plastic's 1999 award-winning P2 project. Tom Tsekouras and Nancy Schulze were instrumental in getting these plaques and I want to thank them. Thank you Tom and Nancy.

Let's begin!

First, I'd like to recognize our Honorable Mention . . . Prodesign Composites from Middlebury.

Prodesign Composites opened their facility to the Indiana Clean Manufacturing Technology Institute for an emissions study to evaluate the effectiveness of an operator-training program. The tests showed that styrene emissions were reduced as much as 22.4%, and overall employee exposure levels could be reduced by 24.8%.

Implementation of this program will typically save a facility thousands of dollars per spray booth per year. I would like to take this opportunity to acknowledge Doug Elliott and Prodesign Composites for their efforts in pollution prevention. Doug would you please stand.

And now, this year's Governor's Awards.

Our first presentation is to the Naval Surface Warfare Center, Crane Division. Crane is receiving its second Governor's Award for Excellence in Pollution Prevention and today's award is in the Research and Development Category for implementing several product reformulation and developing and testing a proton-exchange membrane fuel cell technology. The reformulation for flares, smokes and ignition compositions substantially reduces the occupational health exposure risks and allows for the continued high quality production of these munitions. Crane estimates that over 13 tons of carcinogenic material will be avoided in the next 7 years. The fuel cell project will allow Crane to eliminate sulfur dioxide, significantly reduce nitrogen oxide and carbon dioxide and cut in half the carbon dioxide associated with the energy production of the project. Crane has an environmental policy statement that encourages pollution prevention and it will continue to be proactive and reduce waste streams at every opportunity.

With us today from Crane are Jo Belcher, Jim Hunsicker, Patricia Herndon and Commander Frank Aucremanne. Speaking for Crane will be Commander Aucremanne.

Congratulations.

Next we have Criterion Catalyst from Michigan City, accepting an award in the P2 in Practice Category. Criterion Catalyst substituted the use of diatomaceous earth with powdered alumina as a filter media in its manufacturing process. In addition to making the substitution to this less hazardous material, Criterion redesigned the manufacturing process to a closed loop recycling process.

That led to product yield improvements and significant waste reduction. Criterion realizes an economic benefit of \$182,700 annually through the implementation of this project and eliminates the generation of 400 tons of waste filter media.

With us today from Criterion Catalyst are Michael Burke, Alvin Lim, Frank Pierrat and Chuck Bilderback. Speaking is Frank Pierrat.

Thank you for your contribution and congratulations.

Located in Indianapolis, Ingersoll-Rand Corp., Exit Device Division Von Duprin, is our next recipient of an award in the P2 in Practice Category. Ingersoll-Rand eliminated the use of copper cyanide in its plating operation by switching to an alkaline solution. It took engineers from the plant several years to find a viable substitute for this particular plating application and their tenacity deserves as much recognition as their pollution prevention efforts. Their determination paid off for the environment and enabled Ingersoll-Rand to eliminate 120,000 gallons of cyanide-bearing wastewater and 1000 pounds of cyanide bearing solids.

With us today from Ingersoll-Rand are Cory Henschen and Russ Eiler. Speaking will be Cory Henschen.

Congratulations.

Next we have a first. This is the first time that a pollution prevention award is being given to a chamber of commerce. The Jasper Chamber of Commerce is receiving an award in the Mentor Category for its efforts with the environmental managers' wood manufacturers organization.

Through a grant from the Indiana Department of Commerce, the Jasper Chamber of Commerce was instrumental in facilitating technical assistance and training for more than 1,000 finish line personnel, enabling them to comply with the new regulation titled the 'National Emissions Standard for Hazardous Air Pollutants or NESHAP for short.

Joining us today from the Jasper Chamber of Commerce is Nancy Eckerle, Executive Director.

Congratulations.

Our next award winner comes to us from Bloomington. Otis Elevator, manufacturer of world-class elevator systems, installed a powder paint coating system to replace a solvent-based painting system. This project resulted in a 93% reduction in waste paint and solvent generation, amounting to about 13 tons annually. Otis Elevator took a unique approach to this substitution by choosing not to use powder coatings already available but instead work with the manufacturer to incorporate a full substitution for the coatings, which are completely free of volatile organic compounds and hazardous air pollutants.

With us today from Otis Elevator are John Lukens and Ed Manning. Speaking for Otis will be Ed Manning, Senior Product Group Manager of Manufacturing.

Congratulations.

Next, we have an award in the Energy Category for a company that works with large industrial facilities in northwest Indiana. Primary Energy, a NiSource subsidiary in Merrillville, develops, engineers, constructs, operates and maintains co-generation plants at large and medium scale industrial operations.

Primary Energy's plants strive to be energy efficient and to utilize waste heat or waste gases whenever possible. Through their waste by-product recovery and other efficient cogeneration systems, Primary Energy has added over 400 megawatts of electric capacity specific to these industrial operations. The operation these plants have facilitated the following annual reductions in emissions: over 6,000 tons of sulfur dioxide, over 5,700 tons of nitrogen oxide and over 1.8 million tons of carbon dioxide. Accepting the award on behalf of Primary Energy are Joe Turner, Dean McDevitt, and Tom Steiner. Speaking will be Joe Turner, President.

Congratulations.

Our next two award winners are from Indianapolis.

First, receiving an award in the P2 in Practice category is Reilly Industries, Inc. Reilly manufacturers organic chemicals and employs benzene as a solvent in various processes. In 1999, Reilly developed and implemented a closed-loop recycling process to capture benzene previously treated as a waste and reintroduced it into the manufacturing system. This is an example of closed-loop recycling that meets the definition of pollution prevention. This new process saves \$109,000 and reduces hazardous waste by 195 tons annually.

With us today from Reilly Industries Inc. are Ray Hull, Bernard Haesen and Paul Rawlings. Speaking for Reilly is Ray Hull.

Congratulations.

Also from Indianapolis is Rolls Royce Corporation, which is receiving an award in the Energy Category.

Over a three-year period, Rolls-Royce has eliminated the use of coal and is now using landfill methane/natural gas in three industrial boilers. Rolls- Royce worked with Southside landfill and Granger Electric Co. to utilize as much as 6 million cubic feet of methane gas every day. Sulfur dioxide emissions have been reduced by 1,200 tons per year and nitrogen dioxide emissions by roughly 29 tons from the Rolls-Royce boilers. In addition, methane gas emissions will be cut by 15,000 tons per year. This project is an excellent example of how industry can replace fossil fuels with a renewable source of energy. With us today from Rolls Royce are Mike Hudson, Tom Jennings and Pat Ellis. Speaking will be Mike Hudson, Vice Chairman of Rolls-Royce North America.

Congratulations.

Our final award winner comes to us from southern Indiana. Styline Furniture in Huntingburg, reformulated its wood coatings to a higher solid, lower solvent-based coating. What took two coats to finish now takes only one. Styline was already in compliance with the NESHAP standards noted earlier and chose to do this pollution prevention project to go above and beyond what was required by the standards. This project eliminated 26 tons of volatile organic compounds and saved the company more than \$37,000 per year.

With us today from Styline are John Wirthwein, Compliance Officer and Ray Brooks, Environmental Coordinator. Speaking will be John Wirthwein.

Congratulations.

Jim Mahern:

Thank you Lori and Lieutenant Governor Kernan for highlighting our winners' successes and for presenting them with their recognition plaques. Thank you for joining us and we look forward to seeing you next year.

Before we depart for lunch and networking, I'd like to share some pretty impressive results from some numbers crunching we did. I am extremely proud to report that together, these nine award recipients reduced pollutants into the environment last year by approximately 2 million tons. To put this in perspective, that's about 126 pounds per second or more than 170 tons since we started this awards ceremony. For your hard work and service to Indiana's environment, I thank you. Thank you for committing yourself to help make Indiana a cleaner, healthier place to live.

Let's give them all another round of applause.